

Rabbit anti-Human KISS1 Polyclonal Antibody | anti-KISS1 antibody

KISS1 Antibody (N-Term)

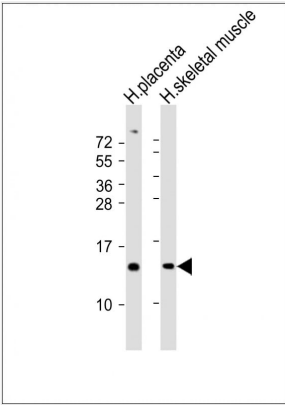
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289322	Rabbit	Human	Western Blot

PRODUCT SYNONYMS

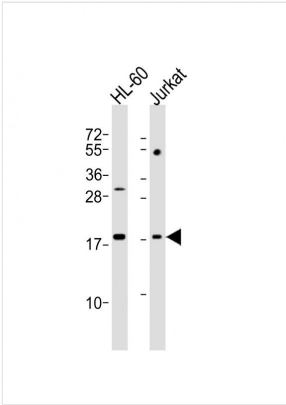
KISS1; Polyclonal Antibody; KISS1 Antibody (N-Term); Metastasis-suppressor KiSS-1; Kisspeptin-1; Metastin; Kisspeptin-54; Kisspeptin-14; Kisspeptin-13; Kisspeptin-10; anti-KISS1 antibody

PRODUCT SPECIFICATIONS

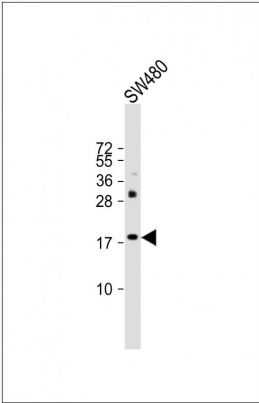
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KISS1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 20-52 amino acids from human KISS1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	138
Applicable Applications for anti-KISS1 antibody	WB (Western Blot)
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
All lanes : Anti-KISS1 Antibody (N-Term) at 1:2000 dilutionLane 1: human placenta lysatesLane 2: human skeletal muscle lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 15 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
All lanes : Anti-KISS1 Antibody (N-Term) at 1:2000 dilutionLane 1: HL-60 whole cell lysatesLane 2: Jurkat whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 15 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-KISS1 Antibody (N-Term)at 1:500 dilution + SW480 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 15 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-KISS1 antibody	Metastasis suppressor protein in malignant melanomas and in some breast cancers. May regulate events downstream of cell- matrix adhesion, perhaps involving cytoskeletal reorganization. Generates a C-terminally amidated peptide, metastin which functions as the endogenous ligand of the G-protein coupled receptor GPR54. Activation of the receptor inhibits cell proliferation and cell migration, key characteristics of tumor metastasis. Kp-10 is a decapeptide derived from the primary translation product, isolated in conditioned medium of first trimester trophoblast. Kp-10, but not other kisspeptins, increased intracellular Ca(2+) levels in isolated first trimester trophoblasts. Kp-10 is a paracrine/endocrine regulator in fine- tuning trophoblast invasion generated by the trophoblast itself. The receptor is also essential for normal gonadotropin-released hormone physiology and for puberty. The hypothalamic KISS1/GPR54 system is a pivotal factor in central regulation of the gonadotropic axis at puberty and in adulthood.
Product Categories/Family for anti-KISS1 antibody	Cancer; Cell Biology; Neuroscience; Signal Transduction
References	Lee J.-H.,et al.J. Natl. Cancer Inst. 88:1731-1737(1996). Lee J.-H.,et al.J. Natl. Cancer Inst. 89:1549-1549(1997). West A.,et al.Genomics 54:145-148(1998). Qiao C.,et al.Submitted (JUN-2002) to the EMBL/GenBank/DDBJ databases. Wan D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	116829964
NCBI GeneID	3814
NCBI Accession #	NP_002247.3
NCBI GenBank Nucleotide #	NM_002256.3
UniProt Accession #	Q15726; Q9HBP1; A8K6N0
Molecular Weight	14705
NCBI Official Full Name	metastasis-suppressor KiSS-1 preproprotein
NCBI Official Synonym Full Names	KiSS-1 metastasis-suppressor
NCBI Official Symbol	KISS1
NCBI Official Synonym Symbols	HH13; KiSS-1
NCBI Protein Information	metastasis-suppressor KiSS-1
UniProt Protein Name	Metastasis-suppressor KiSS-1
UniProt Gene Name	KISS1
UniProt Entry Name	KISS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kiss1-antibody-western-blot-elisa/289322>